Shaping the Future

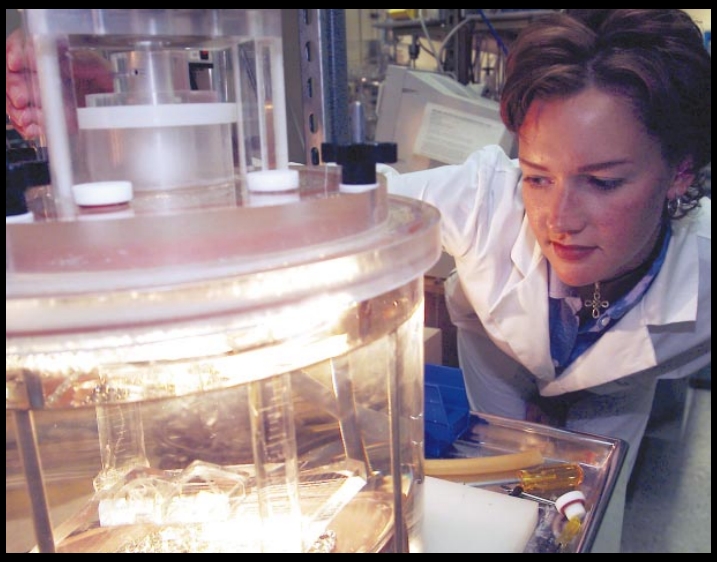
Positioning the Laboratory for the Future

In 1999, we faced major challenges both to our programs and to the way we operate. A number of important issues concerning Laboratory operations and programs arose during the year. They have required the special attention of management, who is working closely with DOE and the University of California toward their resolution. Actions we are taking today—together with our research accomplishments, planning activities, significant partnerships, and exceptional science and technology—position the Laboratory for the future.

Security and Safety Improvements

In 1999, our efforts to continuously improve Laboratory operations focused on security and safety. Recent events have reinforced the prime importance of security at the DOE nuclear weapons laboratories. We are taking specific actions to provide even greater protection of critical assets at Livermore, implement state-of-the-art computer security, and expand our counterintelligence program. We are also aggressively implementing DOE's Integrated Safety Management System to improve safety performance and management at Livermore. Our policy is that safety of both workers and the public has the highest priority.

When construction is completed, the National Ignition Facility will provide crucial support to the Stockpile Stewardship Program, make possible fusion ignition and burn experiments, and create opportunities to advance science in many areas through groundbreaking experiments.



A San Francisco Bay Area high school teacher learns how to rapidly grow crystals during one of the Laboratory's science education programs. She now conducts workshops for other teachers.

Congresswoman Ellen Tauscher frequently meets with technical staff to discuss national security issues as well as science education and advancement of women and minorities in technical fields.

Program Planning

The future direction of the Laboratory is guided by evolving national priorities. In addition to internal planning activities, we participate in significant planning efforts with our major sponsors. Livermore's priorities are spelled out in the strategy document, *Creating the Laboratory's Future*, and the *Laboratory's Institutional Plan FY 2000–2004*.

In addition, the Long-Range Strategy Project continued into its second and last year. The project—through the effort of about 20 of our early- to mid-career scientists and engineers—considered the potential advances in science and technology and prospects for Livermore over the next 10 to 20 years.

Major Partnerships for Mission Success

Increasingly, Livermore's technical achievements are the result of major partnerships with industry, academia, and other laboratories. Partnerships and collaborations help us accomplish our programmatic goals more efficiently and cost effectively. They also provide a mechanism for commercializing and returning for broad public benefit the technological advances made at the Laboratory.

Award-Winning Science and Technology

Outstanding scientific and technical achievements ultimately define the Laboratory and chart its future. Breakthrough accomplishments, critical to Livermore's success, are the product of a quality staff—both individual and team efforts. Frequently such achievements lead to outside recognition, such as the many awards garnered in 1999.

A Quality Workforce

Livermore's principal asset is its quality workforce. Our achievements are the product of a highly talented, productive, motivated, flexible staff that is committed to the Laboratory's goals. We strive for a workforce that reflects the diversity of California and the nation. And we seek to provide a work environment in which all employees can contribute to their fullest and feel valued for their role.